U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office Application No. 09/193.787

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 11/17/98 are:

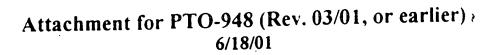
A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.

B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be sumitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
Black ink. Color.	Words do not appear on a horizontal, left-to-right fashion
Color drawings are not acceptable until petiton is granted.	when page is either upright or turned so that the top
Fig(s)	becomes the right side, except for graphs. Fig(s)
Pencil and non black ink not permitted. Fig(s)	9. SCALE. 37 CFR 1.84(k)
2. PHOTOGRAPHS. 37 CFR 1.84 (b)	Scale not large enough to show mechanism without
1 full-tone set is required. Fig(s)	crowding when drawing is reduced in size to two-thirds in
Photographs not properly mounted (must use brystol board or	reproduction.
photographic double-weight paper). Fig(s)	Fig(s)
Foor quality (half-tone). Fig(s)	10. CHARACTER OF LINES, NUMBERS, & LETTERS.
3. TYPE OF PAPER. 37 CFR 1.84(e)	37 CFR 1.84(i)
Paper not flexible, strong, white, and durable.	Lines, numbers & letters not uniformly thick and well
	defined, clean, durable, and black (poor line quality).
Fig(s)	Fig(s) /- 51
folds, copy machine marks not accepted. Fig(s)	11. SHADING. 37 CFR 1.84(m)
Mylar, velum paper is not acceptable (too thin).	Solid black areas pale. Fig(s)
l ——— -	Solid black shading not permitted. Fig(s)
Fig(s)	Shade lines, pale, rough and blurred. Fig(s)
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.
21.0 cm by 29.7 cm (DIN size A4)	37 CFR 1.84(p)
21.6 cm by 27.9 cm (8 1/2 x 11 inches)	Numbers and reference characters not plain and legible.
All drawing sheets not the same size.	
Sheet(s)	Fig(s) Figure legends are poor. Fig(s)
Drawings sheets not an acceptable size. Fig(s)	Numbers and reference characters not oriented in the
6. MARGINS. 37 CFR 1.84(g): Acceptable margins:	same direction as the view. 37 CFR 1.84(p)(1)
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	Fig(s) 27 CFR 1 84(a)(2)
SIZE: A4 Size	English atphabet not used. 37 CFR 1.84(p)(2)
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	Figs
SIZE: 8 1/2 x 11	Numbers, letters and reference characters must be at least
Margins not acceptable. Fig(s)	.32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
Top (T) Left (L)	Fig(s)
Right (R) Bottom (B)	13. LEAD LINES. 37 CFR 1.84(q)
6. VIEWS. 37 CFR 1.84(h)	Lead lines cross each other. Fig(s)
REMINDER: Specification may require revision to	Lead lines missing. Fig(s)
correspond to drawing changes.	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(1)
Partial views. 37 CFR 1.84(h)(2)	Sheets not numbered consecutively, and in Arabic numerals
Brackets needed to show figure as one entity.	beginning with number 1. Sheet(s)
Fig(s)	15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
Views not labeled separately or properly.	Views not numbered consecutively, and in Arabic numerals,
Fig(s)	beginning with number 1. Fig(s)
Enlarged view not labeled separetely or properly.	16. CORRECTIONS. 37 CFR 1.84(w)
Fig(s)	Corrections not made from prior PTO-948
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)	dated
Hatching not indicated for sectional portions of an object.	17. DESIGN DRAWINGS. 37 CFR 1.152
Fig(s)	Surface shading shown not appropriate. Fig(s)
Sectional designation should be noted with Arabic or	Solid black shading not used for color contrast.
Roman numbers. Fig(s)	Fig(s)
COMMENTS	
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DATE 03/05/99 TELEPHONE NO. (703)308-0366 REVIEWER LAM ATTACHMENT TO PAPER NO.

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The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings MUST be filed within the THREE MONTH shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1 136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson.

MUST be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings MUST be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in ABANDONMENT of the application.